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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/670,727	09/26/2003	Kazuya Tsukada	Q77651	6622
23373	7590	03/23/2006	EXAMINER	
SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			NGUYEN, KIMNHUNG T	
			ART UNIT	PAPER NUMBER
			2629	

DATE MAILED: 03/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/670,727	<b>Applicant(s)</b> TSUKADA, KAZUYA	
	<b>Examiner</b> Kimnhung Nguyen	<b>Art Unit</b> 2677	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>1/13/04;9/9/05</u> . | 6) <input type="checkbox"/> Other: ____  |

### DETAILED ACTION

This Application has been examined. The claims 1-10 are pending. The examination results are as following.

#### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Baker et al. (US 6,597,374).

As to claims 1 and 10, Baker et al. discloses in figs 2-3, a remote control system (10) comprising: a remote control operating unit having an input device (see remote control 10 transmit the IR signal to the television 84, see col. 6, lines 39-42) for inputting connection information between information processing equipment and information reproduction equipment (code sets 37 associated with various types of devices such as devices 40A-40C can be television, VCR or compact disk players, see figs. 2-3, see col. 4, lines 16-38) connected to the information processing equipment, a storage device (memory 43, fig. 2) for storing the connection information and an output device for outputting the connection information; and a control unit (controller 42, fig. 2) having a recognition device (see code sets 37, fig. 2) for recognizing the connection between the information processing equipment and the information reproduction equipment connected to the information processing equipment (because code sets

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37 associated with various types of devices such as devices 40A-40C can be television, VCR or compact disk players, see figs. 2-3, see col. 4, lines 16-38) based on the connection information output from the remote control operating unit.

As to claim 2, Baker et al. discloses further in figs 2-3, wherein the remote control operating unit has a display device (16, fig. 2) for displaying designation information indicating the information reproduction equipment, based on the connection information.

As to claim 3, Baker et al. discloses further in figs. 2-3, wherein the input device (see remote control 10 transmit the IR signal to the television 84, see col. 6, lines 39-42) inputs the connection information set by an external setting unit (see figs. 1, 4-6).

As to claim 4, Baker et al. discloses further in figs. 2-3, wherein the remote control (10) operating unit comprises a setting device (figs. 1, 4-6) for setting the connection information, and the input device inputs the connection information set by the setting device.

As to claim 5, Baker et al. discloses further in figs. 2-3, wherein the output device outputs (see information from remote control 10, fig. 1) the a control signal for remote controlling the information processing equipment and the information reproduction equipment connected to the information processing equipment (see fig. 1-2 having devices 40A-40C including TV, VCR, cable...).

As to claim 6, Baker et al. discloses further in figs. 1, 2-3, wherein the control unit (32) controls the information processing equipment and the information reproduction equipment, based on a control signal output (information display in the display 16, fig. 1-3) from the remote control operating unit (10), corresponding to the connection between the information processing equipment and the information reproduction equipment connected to the information processing

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equipment recognized by the recognition device (because code sets 37 associated with various types of devices such as devices 40A-40C can be television, VCR or compact disk players, see figs. 2-3, see col. 4, lines 16-38).

As to claim 7, Baker et al. discloses further, wherein the information processing equipment the information (audio, video, fig. 1) has a detection device (see code sets 37 associated with various types of devices such as devices 40A-40C can be television, VCR or compact disk players, see figs. 2-3, see col. 4, lines 16-38) for detecting the presence of the information reproduction equipment as discussed connected to the information processing equipment, and a detection result output device for outputting the detection result (see col. 8, lines 61-67 and col. 9, lines 5-12) by the detection device to the control unit (32, fig. 2).

As to claim 8, Baker et al. discloses further, wherein the detection result is power information of the information reproduction equipment (see col. 8, lines 61-67 and col. 9, lines 5-12).

As to claim 9, Baker et al. discloses a remote control operating unit (10), which controls the operation of information processing equipment and information reproduction equipment connected to the information processing equipment as discussed above, comprising: an input device (see remote control 10 transmit the IR signal to the television 84, see col. 6, lines 39-42) used for inputting connection information between the information processing equipment and the information between the information processing equipment and the information reproduction equipment as discussed above; a storage device (memory 34, fig 2) for storing the connection information; and a display device for displaying designation information (figs. 1) indicating the

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information reproduction equipment, based on the connection information stored in the storage device.


*Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimnhung Nguyen  
March 15, 2006

  
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